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ENTRY	SESSION
0.21	0.21

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=> set plurals on perm
SET COMMAND COMPLETED

=> set abbr on perm
SET COMMAND COMPLETED

=> s garlic extract
L1 3115 GARLIC EXTRACT

=> s propylene glycol or 1,2-dihydroxy propane or methylene glycol or methyl glycol
or 1,2-propanediol
L2 76234 PROPYLENE GLYCOL OR 1,2-DIHYDROXY PROPANE OR METHYLENE GLYCOL
OR METHYL GLYCOL OR 1,2-PROPANEDIOL

=> s garlic or allium sativum
L3 19703 GARLIC OR ALLIUM SATIVUM

=> cinnamon oil
CINNAMON IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s cinnamon oil
L4 528 CINNAMON OIL

=> s l2 and l3 and l4
L5 1 L2 AND L3 AND L4

=> d all

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:824444 CAPLUS
DN 143:216710
ED Entered STN: 19 Aug 2005
TI Anti-dermatophytic preparation based on synergistic action of
garlic extract and essential oil of M. spicata or cinnamon
oil
IN Khanuja, Suman Preet Singh; Chaturvedi, Pushplata; Singh, Anil Kumar;
Shasany, Ajit Kumar; Agarwal, Vinay Kumar; Gupta, Vivek Kumar; Gupta,
Subhash Chandra; Tripathy, Arun Kumar; Pal, Anirban; Saikia, Dharmendra;
Darokar, Mahendra Pandurang; Aggarwal, Krishna Kumar; Bansal, Ravi Prakash

PA Council of Scientific and Industrial Research, India
 SO U.S. Pat. Appl. Publ., 11 pp., Cont. Ser. No. US 2003-435617, filed on 9 May 2003
 CODEN: USXXCO
 DT Patent
 LA English
 IC ICM A61K035-78
 INCL 424739000; 424747000; 424754000; 514546000; 514729000
 CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 1, 10, 62

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005181081	A1	20050818	US 2004-761804	20040121
PRAI	US 2003-435617	A1	20030509		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2005181081	ICM	A61K035-78
	INCL	424739000; 424747000; 424754000; 514546000; 514729000
	IPCI	A61K0035-78 [ICM, 7]
	NCL	424/739.000; 424/747.000; 424/754.000; 514/546.000; 514/729.000
	ECLA	A61K035/78

AB The present invention provides an improved preparation based on the synergistic action of garlic extract and essential oil of *M. spicata* var. Ganga or cinnamon oil against dermatophytic fungus. More particularly, the present invention relates to the synergistic enhancement of activity of a combination by menthyl acetate or geraniol. The invention also provides a method of preparation of the synergistic combination and the shelf life observed to be more than one year. The cream based preparation

is a potent anti-dermatophytic as described and illustrated by in vitro and in vivo evaluations.

ST antifungal compn dermatophyte garlic ext spearmint
cinnamon oil

IT Allium sativum

Candida
 Combination chemotherapy
 Epidermophyton
 Fungicides
 Mentha spicata
 Microsporum
 Skin-infecting fungi
 Trichophyton

(antidermatophytic preparation based on synergistic action of garlic extract and essential oil of *M. spicata* or cinnamon oil)

IT Essential oils

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(cinnamon; antidermatophytic preparation based on synergistic action of garlic extract and essential oil of *M. spicata* or cinnamon oil)

IT Essential oils

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(spearmint; antidermatophytic preparation based on synergistic action of garlic extract and essential oil of *M. spicata* or cinnamon oil)

- IT Drug interactions
(synergistic; antidermatophytic preparation based on synergistic action of garlic extract and essential oil of M. spicata or cinnamon oil)
- IT Drug delivery systems
(topical; antidermatophytic preparation based on synergistic action of garlic extract and essential oil of M. spicata or cinnamon oil)
- IT 57-55-6, Propylene glycol, biological studies
89-48-5, Menthyl acetate 112-92-5, Stearyl alcohol 36653-82-4, Cetyl alcohol
RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antidermatophytic preparation based on synergistic action of garlic extract and essential oil of M. spicata or cinnamon oil)
- IT 106-24-1, Geraniol
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antidermatophytic preparation based on synergistic action of garlic extract and essential oil of M. spicata or cinnamon oil)